

997035

10 March 1965

MEMORANDUM FOR: Director, National Photographic Interpretation Center

SUBJECT: Approval for [ ] Enlarger Modification

REFERENCE: Chief, Administrative Staff, O/DDI, Memorandum Dated 4 February 1964: Approval of Research and Development Activities

In accordance with the authority delegated by paragraph 3. of the reference, approval for the [ ] Enlarger modification in the amount

[ ] as outlined in Attachment "A" is requested.

Colonel, USAF

Assistant for Plans and Development

APPROVED:

151  
ARTHUR C. LUNDAHL  
Director, NPIC

15 March 1965  
Date

Attachment: "A"

Distribution

Orig. & 2 - LB/SS  
1 - D/NPIC  
1 - P&DS

LB/SS/NPIC [ ]

8 Mar 1965)

Declass Review by  
NIMA/DOD

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Approved For Release 2002/06/17 : CIA-RDP78B04747A002900050005-1

R & D CATALOG FORM		DATE
1. PROJECT TITLE/CODE NAME		6 Feb. 1965
2. SHORT PROJECT DESCRIPTION		
Enlarger head to add film carriage movement in "y" direction, which will allow the operator to obtain the maximum magnification of any portion of the		
3. CONTRACTOR NAME		
4. TYPE OF CONTRACT		
Manufacturer		CPEF
7. FUNDS		8. REQUISITION NO.
FY 19 \$		NA
FY 19 65 \$		9. BUDGET PROJECT NO.
FY 19 \$		NP-0-6
10. EFFECTIVE CONTRACT DATE (Begin - end)		11. SECURITY CLASS.
1 Apr. 65 - 1 Oct 65 (Est.)		A.A. - Conf.
		T. - Unclass.
		W. - Unclass.
12. RESPONSIBLE DIRECTORATE/OFFICE/PROJECT OFFICER TELEPHONE EXTENSION		
DDI/NPIC/P&DS/		
13. REQUIREMENT/AUTHORITY		
The Photographic Laboratory Branch/PSD/NPIC is continually required to utilize the Enlarger. Often, 9" film-widths are enlarged to maximum magnification, and under these conditions only the middle six inches of the imagery can be		
14. TYPE OF WORK TO BE DONE		
Engineering Development		
15. CATEGORIES OF EFFORT		
MAJOR CATEGORY		SUB-CATEGORIES
Other		Interpretation/Analysis
16. END ITEM OR SERVICES FROM THIS CONTRACT/IMPROVEMENT OVER CURRENT SYSTEM, EQUIPMENT, ETC.		
The product of this contract will be the prototype modification of one Enlarger. This modification will allow enlargement of any portion of the format improves upon the present limited capability.		
17. SUPPORTING OR RELATED CONTRACTS (Agency & Other)/COORDINATION		
As a result of contacts throughout industry and the intelligence community, it has been determined that no such modification has previously been carried out.		
18. DESCRIPTION OF INTELLIGENCE REQUIREMENT AND DETAILED TECHNICAL DESCRIPTION OF PROJECT (Continue on additional page if required)		
With the enlarger at maximum magnification, it is impossible to enlarge the edge portions of any roll film which is wider than six inches. It would be highly desirable for the operator to have the capability of moving the film perpendicularly to the translation axis in order to position the film over the field of the projection lens. The complete film transport assembly must be moved to accomplish this task. This will require modification of at least two large enlarger head castings. The modification will enable the operator to enlarge any portion of 9" roll film to maximum magnification.		
19. APPROVED BY AND DATE		
OFFICE	DEPUTY DIRECTOR	DDCI

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GROUP 1  
Excluded from automatic  
downgrading and  
declassification

(1-13)

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R & D CATALOG FORM

2. the imagery in 9" film-widths.

13. enlarged to maximum magnification.

18. [ ] will procure from [ ]

[ ] the necessary castings. They will machine the raw castings to match the particular enlarger which has been designated for modification and will then modify these castings to suit the requirements. When the modification has been completed, [ ] will remove the existing negative carriage assembly from the enlarger and install and align the modified assembly. This procedure will insure that the downtime of the instrument is kept to an absolute minimum.

To achieve the capability of enlarging any portion of the imagery, the film spool holders will be integrated into the film gate which together can be translated in a direction perpendicular (y) to the direction of present film translation (x). The amount of travel in this y axis will be at least  $\pm 1.5$  inches from the present position. To move the assembly, the operator will simply turn a knob located on the negative film carriage and this action will translate the assembly to the proper position in such a manner that the desired imagery can then be projected on the copy easel. The use of the modified assembly will not destroy or degrade any of the unique capabilities or the high resolving power of the original instrument. [ ] will maintain the same quality of workmanship characteristic of the original [ ].

This contractor was selected from a group of seventeen companies of which five chose to propose. Of these five, [ ] proposal was competitive in design philosophy, and, in addition, they were the lowest bidder.

This contract is to be negotiated on an [ ] Confidential basis. The required security measures are not yet in effect at the contractor's plant; however, appropriate company officers have agency Secret clearances.

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(When Filled In)

## TECHNICAL BACKGROUND PROCUREMENT INFORMATION

25X1A

## I. Contractor

A. Name and address: 25X1A B. Evaluation of previous performance: No previous performanceII. Brief description of this procurement: Modification of film transport of25X1A  EnlargerEstimated total amt. \$ 

25X1

A. Deliverable items: Modified parts which will replace existing assembly25X1A on  and an instruction manual

B. Is this procurement for other than a standard, "off the shelf" or slightly modified commercial item? yes If "yes", is it anticipated that any more of this unit will be procured? yes If so, a complete set of directly reproducible manufacturing drawings and specifications would normally be included in this procurement. Comments: They are to be provided

C. Will contract cover a period of more than 90 days? yes  
If "yes", are progress reports desired? yes If so, indicate frequency, content and number of copies desired: Monthly - progress of work, and funds expended -- 3 copies

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E. Is any special tooling involved? No

F. Security:

1. Association with the Sponsor is Confidential

2. The specifications and/or drawings are Unclassified

3. The item is Unclassified

4. Contractor personnel known to be aware of this proposed procurement:

25X1A

5. Other security information No previous ☐ Contract with this

25X1A

25X1A

group of

III. Reasons for selection of this source. If other sources were considered, indicate results. If no other sources were considered, list the reasons why this firm is considered to be uniquely qualified to perform this work.

This contractor was selected from a group of 17 companies that were requested to bid of which 5 replied. Of these five  was the lowest bidder. 25X1A